



**U.S. DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric**  
**Administration**  
NATIONAL WEATHER SERVICE  
234 Weather Service Drive  
Jackson, MS 39232

August 5, 2021

MEMORANDUM FOR: National Weather Service Jackson Partners

FROM: Bill Parker  
Meteorologist-In-Charge, Weather Forecast Office - Jackson

SUBJECT: New River forecast Point: Okatibbee Creek at Arundel Road

The National Weather Service Forecast Office in Jackson, MS and the Lower Mississippi River Forecast Center in Slidell, LA will now provide a five-day river forecasts for Okatibbee Creek at Arundel Road in Lauderdale County.

Beginning September 1<sup>st</sup>, the new service will help protect the lives and property of people living along the creek near Meridian, MS. The flood stage at this location is set at 19.5 feet. The new river gauge site is owned and operated by Lower Mississippi-Gulf Water Science Center of the United State Geological Survey (USGS) in Pearl, MS with funding provide by the United States Army Corps of Engineers (USACE).

The United States Army Corps of Engineers in Mobile uses the Arundel gauge readings and forecasts as their main control point for releases from the Okatibbee Dam upstream of this site. Having this forecast point at Arundel will provide critical input to their Okatibbee discharge decisions during severe weather events.

Stages for this new forecast point can be found on the USGS website at  
[https://waterdata.usgs.gov/ms/nwis/uv/?site\\_no=02476600&PARAMeter\\_cd=00065,00060](https://waterdata.usgs.gov/ms/nwis/uv/?site_no=02476600&PARAMeter_cd=00065,00060).

Stages with forecasts will be found on the National Weather Services Advanced Hydrologic Prediction Service (AHPS) website beginning September 1<sup>st</sup> at  
<https://water.weather.gov/ahps2/hydrograph.php?wfo=jan&gage=oarm6>

Any questions can be addressed to Marty Pope, Senior Service Hydrologist  
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